

Contents

<i>Preface to the Series—Barrie G.M. Jamieson</i>	v
<i>Preface to this Volume—Barrie G.M. Jamieson</i>	vii
1. Sexual Selection of Ultraviolet and Structural Color Signals <i>Sarah R. Pryke</i>	1
2. Melanins and Carotenoids as Feather Colorants and Signals <i>Geoffrey E. Hill</i>	41
3. Odors and Chemical Signaling <i>Julie C. Hagelin</i>	75
4. Sexual Dimorphism <i>Ian R. Hartley</i>	121
5. Sexual Selection, Signal Selection and the Handicap Principle <i>Amotz Zahavi</i>	143
6. Courtship and Copulation <i>Robert Montgomerie and Stéphanie M. Doucet</i>	161
7. Sexual Conflict and its Implications for Fitness <i>Ian R. Hartley and Nick J. Royle</i>	239
8. Intra- and Extrapair Paternity <i>Simon C. Griffith</i>	271
9. Evolution of Parental Care and Cooperative Breeding <i>D. Brent Burt, Priscilla F. Coulter and J. David Ligon</i>	295
10. Brood Parasitism in Birds <i>Oliver Krüger and M. de L. Brooke</i>	327
11. Applications of Reproductive Biology to Bird Conservation and Population Management <i>Chris S. Elphick, J. Michael Reed and David J. Delehanty</i>	367
12. Embryogenesis and Development <i>Bodo Christ and Martin Scaal</i>	401

13. Molecular Genetics of Avian Sex Determination
and Gonadal Differentiation
Craig A. Smith

479

Index

507